

## Product datasheet for **RR216905**

### Psap (NM\_001190237) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Psap (NM_001190237) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Psap
Synonyms:	SGP-1; SGP1A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RR216905 representing NM\_001190237  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTATGTCTCGCTCTCCTCGCCAGCCTTCTGGTCACCCTCTGACCAGCCCTGTCCAGGACCCGAAGA  
 TCTGCTCTGGGGCTCAGCAGTAGTGTGCAGAGATGTGAAGACGGCGGTGGACTGTAGGGCTGTGAAGCA  
 CTGCCAGCAGATGGTCTGGAGCAAGCCACAGCAAAATCCCTTCTTGTGACATATGCAAAAACGGTTGTC  
 ACCGAAGCTGGAACTTCTGCTGAAAGATAATGCTACTGAGGAGGAGATCCTCCATTACCTGGAGAAGACCT  
 GTGCGTGGATTATGACTCCAGCCTGTGAGCCTTGTGCAAGGAGGTGGTTGACTCTTACCTGCCTGTCAT  
 CCTGGACATGATTAAGGGGGAGATGAGCAACCCCGGGGAAGTGTGCTCTGCGCTCAACCTCTGCCAGTCC  
 CTTCAGGAGTACTTGGCCGAGCAAAACCAGAGACAGCTGGAGTCCAACAAGATCCCGGAGGTGGACCTGG  
 CCCGCGTGGTTGCCCTTTCATGTCCAACATCCCTCTCCTGCTGTACCCTCAGGATCGGCCTCGCAGCCA  
 GCCGCAGCCCAAGGCTAACGAGGACGTCTGCCAGGACTGTATGAAGTTGGTACTGACATCCAGACTGCT  
 GTGAGGACCAACTCCAGCTTTGTCCAGGGCTTGGTGGACCACGTC AAGGAGGATTGTGACCGCTCGGGC  
 CAGGCGTGTCTGACATATGCAAGAACTATGTTGACCAGTATTCTGAGGTGCGCGTCCAGATGATGATGCA  
 CATGCAGGATCAGCAACCAAGGAAATCTGTGTGATGGTTGGCTTCTGTGATGAGGTCAAGAGAGTGCCA  
 ATGAGGACTCTGGTCCCCGCCACTGAGGCCATCAAGAATATCCTCCCTGCCCTGGAGCTGACGGACCCCT  
 ATGAGGATGTGATCCAGGCCAAAATGTGATTTTCTGCCAAGTTTGTGAGTTGTGATGCCAAGTTGTC  
 TGAAGTATTATCAACAATGCCACTGAGGAACTTCTAATTAAGGTTTGTGAGTAAAGCCTGCTCCCTGCTC  
 CCTGCTCTGCTTCAACCAAGTCCAGGAAGTGGTAAACATTTGGCCCTCTCTGTTGGACGTCCTCA  
 TGCATGAGGTGAACCCGAACCTTCTGTGCGGTGTGATCAGCCTCTGTTCTGCCAACCCGAATTTGGTGGG  
 GACCCCTTGAACAACCTGCAGCAGCCATTGTATCTGCACTGCCCAAGAGCCTGCACCGCCAAAACAGCCT  
 GAAGAGCCCAAGCAGTCTGCATTGCGCGCCATGTGCCTCCTCAGAAGAACGGGGGTTCTGTGAGGTGT  
 GCAAGAAGCTGGTCACTATTTGGAACATAACCTGGAGAAAAACAGCACCAAGGAGGAGATCCTGGCTGC  
 ACTTGAGAAGGGCTGCAGCTTCTGCCAGACCCTTACCAGAAGCAGTGTGATGAATTTGGTGTGAGTAT  
 GAGCCCTTACTGCTGAAATCCTGTGGAGGTGATGGATCCTTCTTGTGCTCGAAAATGGAGTCT  
 GCCCTTCTGCCTATAAGCTGCTGCTGGAAACCGAGAAGTGTGCTGGGGCCAGGCTACTGGTGTGAGAA  
 CATGGAGACTGCTGCCCGATGCAATGCTGTCGATCATTGCAAACGCCATGTGTGGAAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR216905 representing NM\_001190237  
 Red=Cloning site Green=Tags(s)

MYALALLASLLVLTALTSVPQDPKICSGGS AVVCRDVKTAVDCRAVKHCQQMVWSKPTAKSLPCDICKTVV  
 TEAGNLLKDNATEEEILHYLEKTCAWIHDSSLASCKEVVDSYLPVILDMIKGEMSNPGEVCSALNLCQS  
 LQEYLAEQNRQLESNKIPEVDLARVVAFMFSNIPLLLYPQDRPRSQPQPKANEDVCQDCMKLVTDIQT  
 VRTNSSFVQGLVDHVKEDCDRLGPGVSDICKNYVDQYSEVAVQMMMHMQDQPKIEICVMVGFCEVSRVP  
 MRTLVPAATEAIKNILPALELTDPYEDVIAQNVIFCQVCQLVMRKLSELIINNAATELLIKGLSKACSL  
 PAPASTKCQEVLVTFGPSLLDVLMEVNPFLCGVISLCSANPNLVGTLEQPAAAIVSALPKPAPPKQP  
 EEPKQSALRAHVPPQKNGGFCEVCKKLVILEHNLEKNSTKEEILAALEKGSFLPDYPYQKQCFEVAEY  
 EPLLEILVEVMDPSFVCSKIGVCPYKLLLGTEKCVWGPYWCQNMETAARCNVAVDHCKRHVWN

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

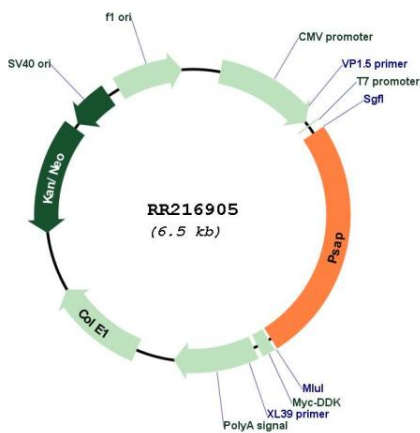
SgfI-MluI



**MW:** 61.4 kDa

**Gene Summary:** may play a role in glycolipid transport during spermatogenesis [RGD, Feb 2006]

**Product images:**



Circular map for RR216905